

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Benoit Adamo	12/10/2008
Chad C. Smutney	12/10/2008
P. Spencer Kinsey	12/10/2008
Daniel McMichael Stipe	01/08/2009
David Schoch Chapin	01/08/2009

RECEIVING PARTY DATA

Name:	MannKind Corporation
Street Address:	28903 North Avenue Paine
City:	Valencia
State/Country:	CALIFORNIA
Postal Code:	91355

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	29328744

CORRESPONDENCE DATA

Fax Number: (949)253-0902

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 949-253-0900

Email: maria.nadal@klgates.com

Correspondent Name: K&L Gates LLP

Address Line 1: 1900 MAIN STREET, SUITE 600

Address Line 4: IRVINE, CALIFORNIA 92614-7319

ATTORNEY DOCKET NUMBER:

1951300.00092

NAME OF SUBMITTER:

Louis C. Cullman

PATENT

500759121

REEL: 022133 FRAME: 0241

CH \$40.00 29328744

Total Attachments: 5

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ASSIGNMENT

WHEREAS, We, Benoit Adamo residing at 255 West Street, Apt. 1-C, Mount Kisco, NY 10549; Chad C. Smutney, residing at 1501 Bunker Hill Road, Watertown, CT 06795; P. Spencer Kinsey, residing at 6 Quail Hollow Lane, Sandy Hook, CT 06482; Daniel McMichael Stipe, residing at 7304 Glendower Road, Raleigh, NC 27613, and David Schoch Chapin, residing at 3428 Doyle Road, Raleigh, NC 27607, the ASSIGNOR(S) herein, have invented certain new and useful inventions disclosed in a U.S. Design Application No. 29/328,744, filed December 1, 2008, entitled, "Dry Powder Inhaler";

WHEREAS, MannKind Corporation a corporation organized and existing under the laws of the State of Delaware having a place of business at 28903 North Avenue Paine, Valencia, CA 91355 (hereinafter, together with any successors, legal representatives or assigns thereof, called ASSIGNEE), the ASSIGNEE herein, desires to acquire the entire right, title and interest in and to said inventions, applications and Letters Patent to be granted and issued thereon;

NOW, THEREFORE, in consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned, transferred and set over, and do hereby sell, assign, transfer and set over to ASSIGNEE the entire right, title and interest in and to said inventions, and said application and all divisions, continuations and continuations-in-part thereof, and all United States Letters Patents which may be granted thereon and all reissues, reexaminations and extensions thereof, and all priority rights under all available International Agreements, Treaties and Conventions for the protection of intellectual property in its various forms in every participating country, all national and regional applications deriving therefrom, and all subsequent patents and divisional patents, and all applications for patents (including related rights such as utility-model registrations, inventor's certificates, and the like) heretofore or hereafter filed for said improvements in any foreign countries, and all patents (including all continuations, continuations-in-part, divisions, extensions, renewals, substitutes, and reissues thereof) granted for said inventions in any foreign countries; and we hereby authorize and request the United States Commissioner of Patents and Trademarks, and any officials of foreign countries whose duty it is to issue patents on applications as aforesaid, to issue all patents for said improvements to ASSIGNEE in accordance with the terms of this Assignment;

AND WE HEREBY covenant that we have full right to convey the entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith;

AND WE HEREBY further covenant and agree that we will communicate to ASSIGNEE any facts known to me respecting said inventions, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, continuations-in-part, substitute and reissue applications, make all rightful oaths and generally do everything possible to aid ASSIGNEE to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunder set my hand this 10th day of December, 2008

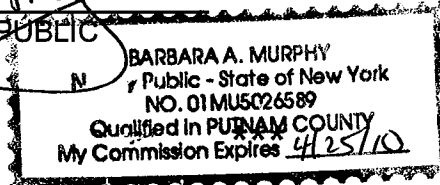
Benoit Adamo
Benoit Adamo

STATE OF New York)
) ss
COUNTY OF Putnam)

On December 10, 2008 before me, Barbara A. Murphy, Notary Public, personally appeared Benoit Adamo, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal

Barbara A. Murphy
SIGNATURE OF NOTARY PUBLIC



IN TESTIMONY WHEREOF, I hereunder set my hand this 10 day of DEC, 2008

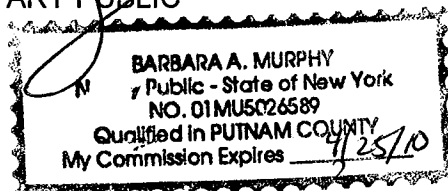
Chad C. Smutney
Chad C. Smutney

STATE OF New York)
) ss
COUNTY OF Putnam)

On December 10, 2008 before me, Barbara A. Murphy, Notary Public, personally appeared Benoit Adamo, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal

Barbara A. Murphy
SIGNATURE OF NOTARY PUBLIC



IN TESTIMONY WHEREOF, I hereunder set my hand this 10th day of December, 2008

P. Spencer Kinsey
P. Spencer Kinsey

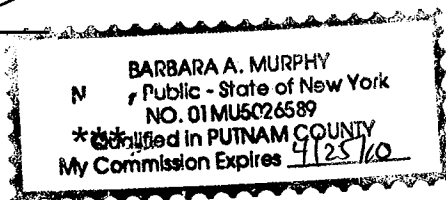
STATE OF New York
COUNTY OF Putnam

)
) ss
)

On December 10 2008 before me, Barbara A. Murphy, Notary Public, personally appeared Charles Spencer Kinsey, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal

Barbara A. Murphy
SIGNATURE OF NOTARY PUBLIC



IN TESTIMONY WHEREOF, I hereunder set my hand this ____ day of _____, 2008

Daniel McMichael Stipe
Daniel McMichael Stipe

STATE OF _____
COUNTY OF _____

)
) ss
)

On _____ before me, _____, Notary Public, personally appeared John M. Pollock, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal

SIGNATURE OF NOTARY PUBLIC

IN TESTIMONY WHEREOF, I hereunder set my hand this ____ day of _____, 2008

P. Spencer Kinsey

STATE OF _____)

COUNTY OF _____)

ss

On _____ before me, _____, Notary Public, personally appeared Chad C. Smutney, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal

SIGNATURE OF NOTARY PUBLIC

IN TESTIMONY WHEREOF, I hereunder set my hand this 8th day of January, 2009

Daniel McMichael Stipe
Daniel McMichael Stipe

STATE OF NC)

COUNTY OF Wake)

ss

On 1-8-09 before me, Rebecca E. Bradley, Notary Public, personally appeared John M. Polidoro, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal

Rebecca E. Bradley
SIGNATURE OF NOTARY PUBLIC



IN TESTIMONY WHEREOF, I hereunder set my hand this 8th day of May, 2009

David Schoch Chapin
David Schoch Chapin

STATE OF NC

COUNTY OF Wake

)
) ss
)

On 1-8-09 before me, Rebecca E. Bradley, Notary Public, personally appeared John M. Polidore, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal

Rebecca E. Bradley
SIGNATURE OF NOTARY PUBLIC
